

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014174.D
 Acq On : 29 Nov 2019 12:02
 Operator : SY/VA
 Sample : K6064-04
 Misc : 6.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:13:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	179091	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69038	12.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.04%
7) Chloroethane-d5	2.89	69	70642	16.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.40%
10) 1,1-Dichloroethene-d2	4.02	63	122508	11.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.12%#
20) 2-Butanone-d5	7.07	46	69710	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
24) Chloroform-d	7.64	84	206422	19.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	8.31	65	112226	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.64%
29) Benzene-d6	8.27	84	413532	17.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.80%
33) 1,2-Dichloropropane-d6	9.27	67	132966	18.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.52%
37) Toluene-d8	10.32	98	377946	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.32%
38) trans-1,3-Dichloropropene-	10.58	79	51111	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.80%
39) 2-Hexanone-d5	10.92	63	52033	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111538	20.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	140128	19.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.88%

Target Compounds

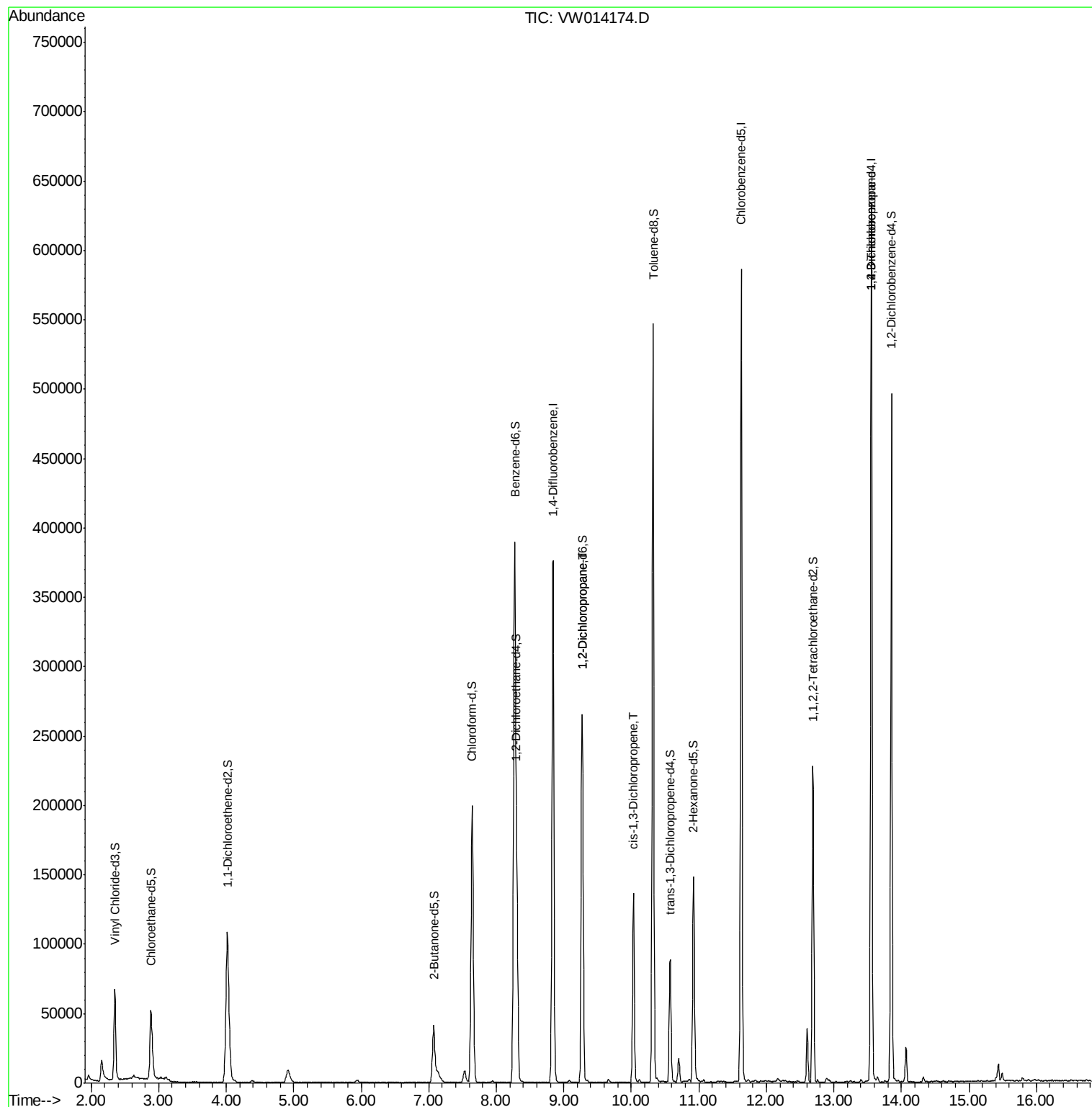
					Ovalue
40) 1,2-Dichloropropane	9.27	63	14159	2.367 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3200	0.339 ug/L #	77
59) 1,2,3-Trichloropropane	13.55	75	18056	4.678 ug/L	92

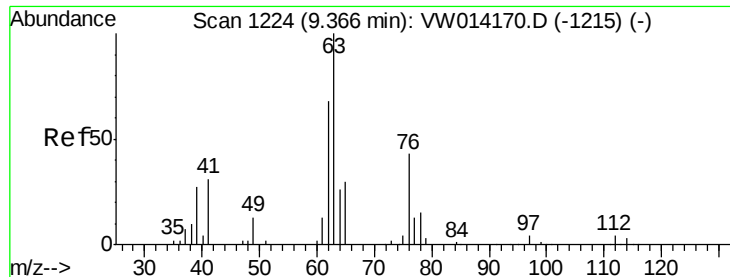
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#40

1,2-Dichloropropane

Concen: 2.367 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW014174.D

Acq: 29 Nov 2019 12:02

Instrument :

MSVOA_W

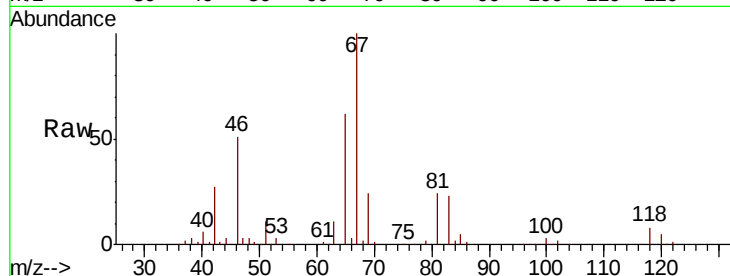
ClientSampled :

Tot Ion: 63 Resp: 14159

Ion Ratio Lower Upper

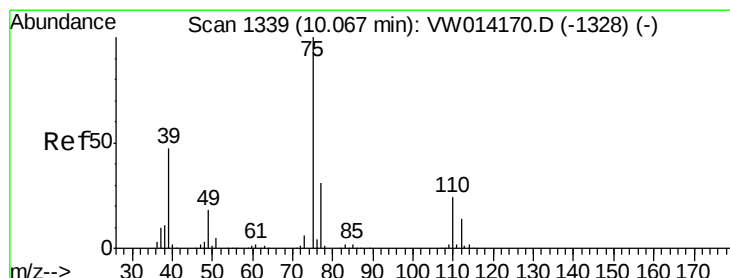
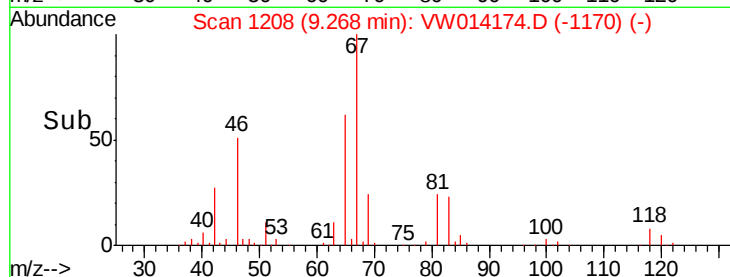
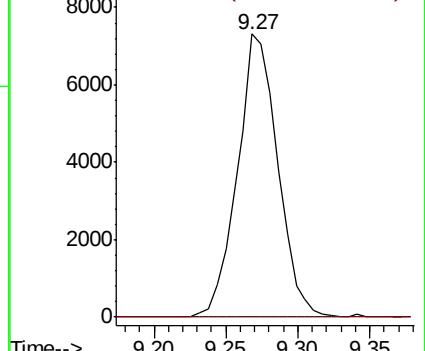
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.339 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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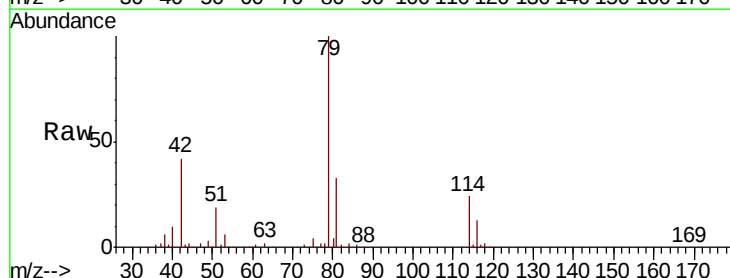
Acq: 29 Nov 2019 12:02

Tgt Ion: 75 Resp: 3200

Ion Ratio Lower Upper

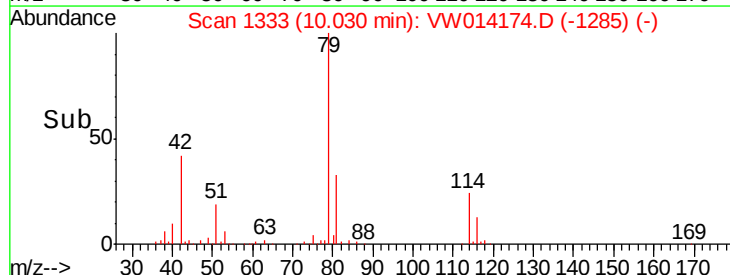
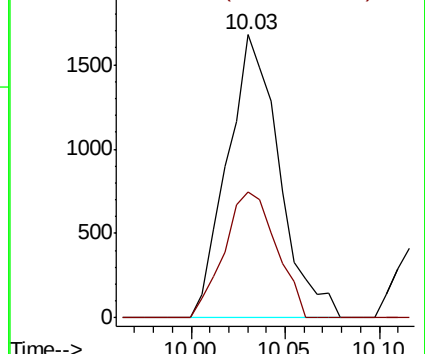
75 100

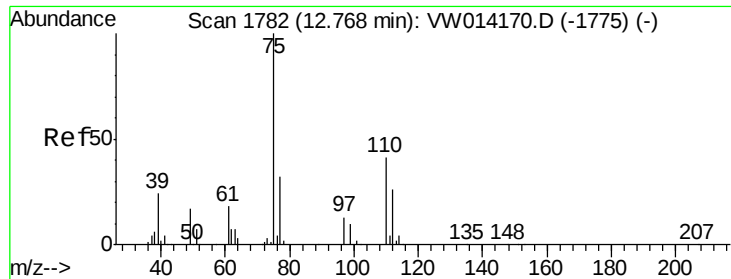
77 44.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.678 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014174.D

Acq: 29 Nov 2019 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18056

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9

